10 AMP SHUNT USER INSTRUCTIONS

P/N 35558

Using the 10 Amp Shunt

Use the **10 amp shunt** (P/N 46165) with your remote keypad to measure amps on components that operate at very low current, such as On-board Computer components. **ASC** testing may require you to use the **10 amp shunt** to measure electric current for certain low current components. The **10 amp shunt** may also be used for **Manual Mode** testing (see **Manual Mode Procedure** on reverse side). To measure amps, the **10 amp shunt** must be placed in series with the circuit as illustrated below in Figure 1. **Note:** The **10 amp shunt** has a capacity of 5 amps continuous and 10 amps intermittent.

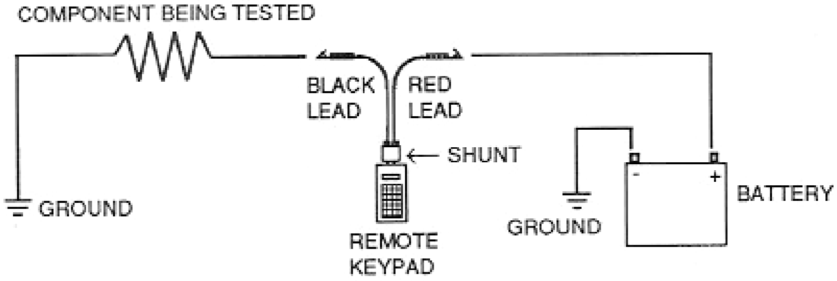

Figure 1.

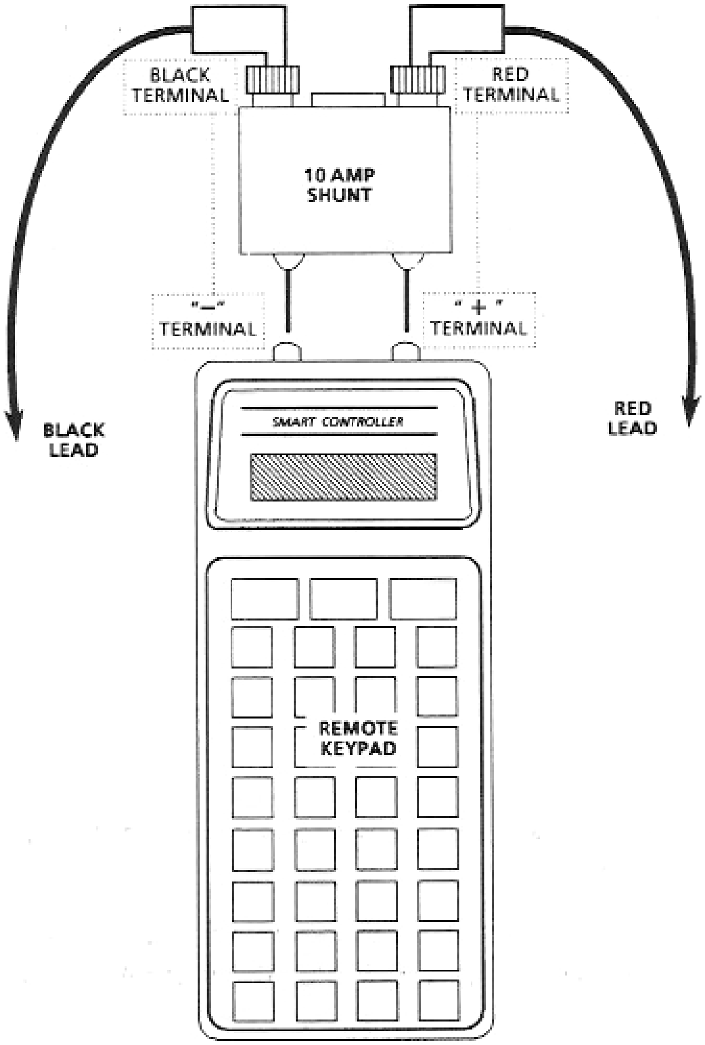

Figure 2.

-continued on reverse side-

Manual Mode Procedure

1. Select **Hand-held Volt/Ohm Meter**.
2. Insert the banana clips on the base of the **10 amp shunt** into the "-" and "+" terminal holes at the top end of the remote keypad. As you face the front of the keypad, the black shunt terminal should be on your left, and the red shunt terminal should be on your right. See Figure 2 on front.
3. Insert Red Lead banana clip into the red shunt terminal.
4. Insert Black Lead banana clip into the black shunt terminal.
5. Deactivate the circuit for the component you wish to test.
6. Find a connector or opening in the circuit between the power source (battery) and the component you're testing.
7. Attach the Red Lead alligator clip to the battery positive line coming from the battery. (You may need to use a wire or paper clip to probe into the connector.)
8. Attach the Black Lead alligator clip to the line running to the component you're testing. (You may need to use a wire or paper clip to probe into the connector.)
9. Activate the circuit.
10. Readings are displayed in volts. To calculate amps, move the decimal point one place to the right. See examples:

    .100 volt = 1.00 amp
    .066 volt = 0.66 amp
    1.00 volt = 10.0 amps

11. Deactivate circuit again before removing red and black leads and restoring the circuit connection.

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